



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 6**Complete if Known**

Application Number	10/633,937
Filing Date	08/04/2003
First Named Inventor	Johnson, Jack J.
Art Unit	3628
Examiner Name	Borissov, Igor N.
Attorney Docket Number	-----

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 7,478,070	01-13-2009	Fukui, et al.	
	2	US- 7,343,360	03-11-2008	Ristanovic, et al.	
	3	US- 7,249,085	07-24-2007	Kinney, Jr., et al.	
	4	US- 7,085,739	08-01-2006	Winter, et al.	
	5	US- 7,010,511	03-07-2006	Kinney, Jr., et al.	
	6	US- 6,915,185	07-05-2005	Yamamoto	
	7	US- 6,871,191	03-22-2005	Kinney, Jr., et al.	
	8	US- 6,862,580	03-01-2005	Ford	
	9	US- 6,850,907	02-01-2005	Lutnick, et al.	
	10	US- 6,785,592	08-31-2004	Smith, et al.	
	11	US- 6,718,312	04-06-2004	McAfee, et al.	
	12	US- 6,647,373	11-11-2003	Carlton-Foss	
	13	US- 6,618,709	09-09-2003	Sneeringer	
	14	US- 6,564,192	05-13-2003	Kinney, Jr., et al.	
	15	US- 6,529,839	03-04-2003	Uggerud, et al.	
	16	US- 6,493,683	12-10-2002	David, et al.	
	17	US- 6,473,744	10-29-2002	Tuck, et al.	
	18	US- 6,415,270	07-02-2002	Rackson	
	19	US- 6,408,283	06-18-2002	Alaia, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2**

of

6**Complete if Known**

Application Number	10/633,937
Filing Date	08/04/2003
First Named Inventor	Johnson, Jack J.
Art Unit	3628
Examiner Name	Borissov, Igor N.
Attorney Docket Number	-----

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	20	US- 6,396,839	05-28-2002	Ardalan, et al.	
	21	US- 6,343,277	01-29-2002	Gaus, et al.	
	22	US- 6,321,212	11-20-2001	Lange	
	23	US- 6,285,989	09-04-2001	Shoham	
	24	US- 6,269,157	07-31-2001	Coyle	
	25	US- 6,230,146	05-08-2001	Alaia, et al.	
	26	US- 6,167,124	12-26-2000	Johnson, et al.	
	27	US- 6,161,099	12-12-2000	Harrington, et al.	
	28	US- 6,151,589	11-21-2000	Aggarwal, et al.	
	29	US- 6,144,727	11-07-2000	Mashinsky	
	30	US- 6,134,534	10-17-2000	Walker, et al.	
	31	US- 6,122,603	09-19-2000	Budike, Jr.	
	32	US- 6,115,698	09-05-2000	Tuck, et al.	
	33	US- 6,108,639	08-22-2000	Walker, et al.	
	34	US- 6,098,051	08-01-2000	Lupien, et al.	
	35	US- 6,085,169	07-04-2000	Walker, et al.	
	36	US- 6,044,363	03-28-2000	Mori, et al.	
	37	US- 6,023,686	02-08-2000	Brown	
	38	US- 6,021,402	02-01-2000	Takriti	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of

6

Complete if Known

Application Number	10/633,937
Filing Date	08/04/2003
First Named Inventor	Johnson, Jack J.
Art Unit	3628
Examiner Name	Borissov, Igor N.
Attorney Docket Number	-----

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	39	US- 6,021,398	02-01-2000	Ausubel	
	40	US- 6,005,926	12-21-1999	Mashinsky	
	41	US- 6,005,925	12-21-1999	Johnson, et al.	
	42	US- 5,974,403	10-26-1999	Takriti, et al.	
	43	US- 5,950,178	09-07-1999	Borgato	
	44	US- 5,924,082	07-13-1999	Silverman, et al.	
	45	US- 5,905,974	05-18-1999	Fraser, et al.	
	46	US- 5,897,607	04-27-1999	Jenney, et al.	
	47	US- 5,890,138	03-30-1999	Godin, et al.	
	48	US- 5,873,251	02-23-1999	Iino	
	49	US- 5,873,071	02-16-1999	Ferstenberg, et al.	
	50	US- 5,845,266	12-01-1998	Lupien, et al.	
	51	US- 5,832,457	11-03-1998	O'Brien, et al.	
	52	US- 5,818,914	10-06-1998	Fujisaki	
	53	US- 5,818,725	10-06-1998	McNamara, et al.	
	54	US- 5,802,502	09-01-1998	Gell, et al.	
	55	US- 5,794,219	08-11-1998	Brown	
	56	US- 5,794,207	08-11-1998	Walker, et al.	
	57	US- 5,786,683	07-28-1998	Williams	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 6

Complete if Known

Application Number	10/633,937
Filing Date	08/04/2003
First Named Inventor	Johnson, Jack J.
Art Unit	3628
Examiner Name	Borissov, Igor N.
Attorney Docket Number	-----

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	58	US- 5,758,331	05-26-1998	Johnson	
	59	US- 5,758,328	05-26-1998	Giavannoli	
	60	US- 5,727,165	03-10-1998	Ordish, et al.	
	61	US- 5,715,402	02-03-1998	Popolo	
	62	US- 5,696,501	12-09-1997	Ouellette, et al.	
	63	US- 5,664,115	09-02-1997	Fraser	
	64	US- 5,621,654	04-15-1997	Cohen, et al.	
	65	US- 5,598,349	01-28-1997	Elliason, et al.	
	66	US- 5,432,710	07-11-1995	Ishimaru, et al.	
	67	US- 5,394,324	02-28-1995	Clearwater	
	68	US- 5,274,571	12-28-1993	Hesse, et al.	
	69	US- 5,136,501	08-04-1992	Silverman, et al.	
	70	US- 5,077,665	12-31-1991	Silverman, et al.	
	71	US- 4,903,201	02-20-1990	Wagner	
	72	US- 4,862,493	08-29-1989	Venkataraman	
	73	US- 4,817,131	03-28-1989	Thornborough, et al.	
	74	US- 4,811,011	03-07-1989	Sollinger	
	75	US- 4,789,928	12-06-1988	Fujisaki	
	76	US- 4,674,044	06-16-1987	Kalmus, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5

of

6

Complete if Known

Application Number	10/633,937
Filing Date	08/04/2003
First Named Inventor	Johnson, Jack J.
Art Unit	3628
Examiner Name	Borissov, Igor N.
Attorney Docket Number	-----

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	77	US- 4,568,934	02-04-1986	Allgood	
	78	US- 4,415,896	11-15-1983	Allgood	
	79	US- 4,412,287	10-25-1983	Braddock	
	80	US- 4,254,472	03-03-1981	Juengel, et al.	
	81	US- 3,740,572	06-19-1973	Cohn	
	82	US- 3,683,161	08-08-1972	Stadlin	
	83	US- 3,581,072	05-25-1971	Nymeyer	
	84	US- 3,573,747	04-06-1971	Adams, et al.	
	85	US- 2,841,331	07-01-1958	Starr, et al.	
	86	US- 2007/0271173 A1	11-22-2007	Johnson, et al.	
	87	US- 2003/0033238 A1	02-13-2003	Oskielunas, et al.	
	88	US- 2002/0038279 A1	03-28-2002	Samuelson, et al.	
	89	US- 2001/0034688 A1	10-25-2001	Annunziata	
	90	US- 2001/0032197 A1	10-18-2001	Chandra, et al.	
	91	US- 60/143,846	07-15-1999	Sick, et al. (on PAIR system)	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/633,937
		Filing Date	08/04/2003
		First Named Inventor	Johnson, Jack J.
		Art Unit	3628
		Examiner Name	Borissov, Igor N.
		Attorney Docket Number	-----
Sheet	6	of	6

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	92	USPTO Office Action mailed 02/24/2009 in connection with Application Serial No. 11/890,044 filed on 08/03/2007	
	93	USPTO Office Action mailed 06/27/2008 in connection with Application Serial No. 10/062,798 filed on 01/31/2002 (now abandoned)	
	94	Petition to Make Special Under 37 CFR Section 1.102d filed at USPTO on 07/17/2003 in connection with Application Serial No. 10/062,798 filed on 01/31/2002 (now abandoned)	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.